

Amendments to the Specification:

Please amend paragraph [0079] of the specification, as shown below:

More than one surface may be used simultaneously to sense location and interaction information. FIG. 12 shows multiple surfaces, each including sensors and a processor, interfacing with the PC 38. The surfaces may interface with the PC 38 using, for example, RS-232 or RF transceiver technology 90. A surface manager 92, such as a software module controlled by the PC 38, analyzes position and interaction information from the surfaces 86 ~~surfaces 76~~. The surface manager may identify the source surface for information received based on surface identifiers 60 included in the data packets 54 sent by the surfaces 86 ~~surfaces 76~~. Position and event information is also included in the data packets. ~~54~~ In one implementation, the surface manager 92 may analyze the information from the multiple surfaces 86 ~~surfaces 76~~ and generate a response. For example, a person may be alerted that they have left an item behind in a room. As shown in FIG. 11, the surfaces may include the floor 20 and the coffee table 82. The person 84, carrying for example a book, may be tracked as she walks across the room 76 on the floor surface 20. Position and interaction information are sent by the floor surface 20 to the surface manager 92. When she sets the book on the coffee table 82, the coffee table 82 detects the event of placing the book on the table, and sends this position and interaction information to the surface manager 92. When the person 84 begins to exit the room 76, the surface manager 92 may interpret information from both surfaces 20, 82 (i.e. the coffee table surface 82 still senses the presence of the book, and the floor surface 20 senses the reduction in pressure indicating the absence of the person 84) and determine that the book has been left behind. The surface manager 92 may then trigger an alert, such as the sounding of an alarm, or an announcement of a message. It is also possible to record and compare the weight of the person 84 as she enters the room to the weight of the person 84 as she leaves the room to determine if an object has been left behind.